DECUS

HOLLAND BULLETIN

DIGITAL EQUIPMENT
COMPUTER USERS SOCIETY

Het DECUS Holland Symposium 1987

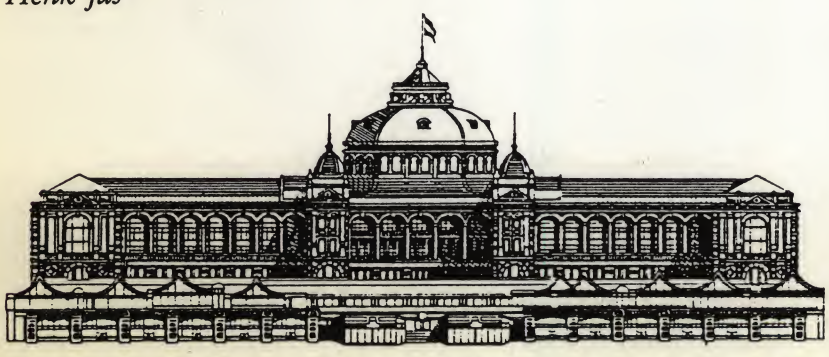
Uit de bemoedigende opmerkingen tijdens het symposium en de uitslag van de enquête mag geconstateerd worden dat het DECUS Holland symposium weer iets beter is geweest dan het afgelopen jaar. Het aantal deelnemers aan de trainingssessies bedroeg 153, dat aan de themadagen ca. 330.

Het doel van het symposium: het ontmoeten van andere DEC-computergebruikers en het uitwisselen van informatie is geheel bereikt. Niet alleen de sessies waren informatief. De borrel aan het einde van de eerste themadag was volgens 'getuigen' behalve een gezellige, eveneens een informatieve happening. Gebruikers en presentators konden in ontspannen sfeer hun ideeën uitwisselen.

Het draaiboek dat naar aanleiding van dit symposium is gemaakt, biedt een houvast aan de toekomstige organisators.

Ook al was dit symposium zeer geslaagd, we willen volgend jaar Scheveningen 1987 overtreffen!

Henk Jas



Nr. 32,
Juli 1987

Inhoud

DNO

Uitslag enquête DECUS Holland Symposium 2 en 3 april 1987
Kurhaus, Scheveningen

Aantal deelnemers: ca. 330
Aantal geretourneerde enquêteformulieren: 138

1. Algemene indruk

slecht	onvoldoende	voldoende	goed	zeer goed	tot. aant. waarderingen
–	1 (1%)	24 (18%)	94 (72%)	12 (9%)	131

Blanko: 7

2. Indeling van de dagen

slecht	onvoldoende	voldoende	goed	zeer goed	tot. aant. waarderingen
1 (1%)	3 (2%)	40 (29%)	91 (67%)	1 (1%)	136

Blanko: 2

3. Congresfaciliteiten (zalen, consumpties, lunches)

slecht	onvoldoende	voldoende	goed	zeer goed	tot. aant. waarderingen
–	1 (1%)	16 (12%)	68 (50%)	50 (37%)	135

Blanko: 3

4. Scheveningen als symposium lokatie

slecht	onvoldoende	voldoende	goed	zeer goed	tot. aant. waarderingen
3 (2%)	6 (4%)	25 (19%)	65 (48%)	36 (27%)	135

Blanko: 3

5. Beoordeling deelnemersprijs t.o.v. het gebodene

te hoog	in juiste verhouding	zeer goed
7 (5%)	120 (87%)	4 (3%)

Blanko: 7 (5%)

6. Zou u op basis van gelijkblijvende prijs / opzet volgend jaar weer deelnemen?

ja:	122
nee:	1
1 dag:	1
misschien:	5
blanko:	9

Gemiddelde van alle lezingen:

Inhoud : 3.4 *
Presentatie: 3.5 *

* Weergegeven op een schaal van 1 (slecht) tot 5 (zeer goed).

Uitslag enquête DECUS Holland Seminars

Totaal aantal deelnemers: 153
Aantal geretourneerde enquêteformulieren: 138

1. Welk seminar heeft u gevolgd?

ACMS:	10	Applicatie programm. in VAX PASCAL:	19
ALL-IN-1:	24	Implementatie van een VAXcluster:	25
Netwerk configuraties:	35	VAX/VMS Performance Management:	40

2. Beantwoordde de cursus aan uw verwachtingen?

helemaal niet	gedeeltelijk	helemaal	blanko
0	58 (42%)	79 (57%)	1

3. Wat vond u van de inhoud van de cursus?

slecht	onvoldoende	voldoende	goed	zeer goed	blanko
1	3 (2%)	40 (29%)	85 (62%)	9 (7%)	–

4. Wat vond u van de lokatie?

slecht	onvoldoende	voldoende	goed	zeer goed	blanko
1	5 (4%)	25 (18%)	74 (54%)	33 (24%)	–

5. Wat vond u van de manier waarop de leerstof werd gepresenteerd?

slecht	onvoldoende	voldoende	goed	zeer goed	blanko
0	1	21 (15%)	86 (63%)	29 (21%)	1

6. Wat is uw algemene indruk van deze cursus?

slecht	onvoldoende	voldoende	goed	zeer goed	blanko
0	3 (2%)	31 (23%)	94 (69%)	9 (6%)	1

7. Bent u van mening dat DECUS volgend jaar opnieuw seminars moet organiseren?

ja:	133
nee:	2
blanko:	3

RSX Impressies
DECUS Holland Symposium 1987

Algemeen

Voor de verandering werd het symposium deze keer eens in het Kurhaus te Scheveningen gehouden. Of het nu aan het programma lag of dat het goed was een plaats in de randstad te kiezen weet ik niet, maar wel dat het bezoekersaantal ruim aan de verwachtingen voldeed. Het thema 'Het netwerk is het systeem' was in elk SIG programma wel terug te vinden.
Geheel in de sfeer van het symposium werd tijdens de algemene ledenvergadering een Netwerk SIG opgericht.
De voorzieningen waren goed en het programma bood voldoende gelegenheid voor informele contacten. Van de hand-out intekenlijsten werd druk gebruik gemaakt.
Ik vraag me af of we dit in de toekomst niet efficiënter kunnen organiseren. Ik miste deze keer echter wel dat de sessie overzichten niet van tevoren met het programmaboekje meegestuurd werden. Kortom, wederom een compliment voor de symposium organisatie onder aanvoering van Sander Kortenbout.

RSX Sessies

Het was een tegenvaller dat zo goed als niemand de moeite nam het RSX enquêteformulier in te vullen.

Gezien het verschil in belangstelling tussen DEC- en gebruikersbijdragen vorig jaar, was ik erg nieuwsgierig naar het bezoekersaantal. Het bleek veel stabieler te zijn, het gemiddelde lag rond de 25 met uitschieters naar boven voor het Hoogoven netwerk verhaal en naar beneden voor de Q & A sessie.

Wanneer gegevens bij herhaling interactief ingevoerd moeten worden nodigt dat uit er een slimme oplossing voor te vinden, d.w.z. houdt het model van de vragenlijst en alles wat erbij hoort, zoals validatie parameters, uit het programma en maak dit laatste algemeen toepasbaar. Hans Hamakers (Brown Boweri) vertelde over zijn oplossing voor dit soort applicaties aan de hand van het pakket Dialoog. Het leek inderdaad goed uitvoerbaar het te gebruiken voor allerlei toepassingen.

Han Pilmeijer (DEC) gaf vervolgens een uiteenzetting over 'taskbuilder mogelijkheden onder RSX-11M-Plus', voor RSX-11M gebruikers dus jammer genoeg alleen maar leuk om aan te ruiken. Behandeld werden 1) het bouwen van tasks met gescheiden I- en D-space, - door het scheiden van het instructie- en datagedeelte kan de omvang van het programma (normaal max. 64 Kbyte) verdubbeld worden, 2) het gebruik van Supervisor Mode Libraries - een methode om nog eens 64 kbytes aan een programma toe te voegen -, beide alleen mogelijk op 22-bits PDP-11 systemen, 3) Multi-user Tasks - voor alle gebruikers van een zelfde programma is het Read-only instructiegedeelte gemeenschappelijk - en 4) OTS Fast Mapping - een nieuwe switch in V4.0 voor het snel laden van overlay modules met minder overhead.

Ap Schouten (DEC) ging vervolgens in op de overeenkomsten en verschillen tussen RSX en VMS i.v.m. gebruik van VAX-11 RSX (PDP-11 compatibility mode) en de migratie naar native mode. De familie relatie tussen beide operating systemen was heel duidelijk; niet verwonderlijk overigens als je weet dat een en dezelfde persoon er de geestelijke vader van is.
Een interessante mededeling was dat mogelijk binnen een jaar een 'RSX/VMS Transition Guide' zal verschijnen, een hulpmiddel bij het migratie proces. Tenslotte een verwijzing naar het Coexistence R&D project (zie volgende DEC bijdrage), een veelbelovende manier om op een geheel andere wijze RSX op een VAX te draaien.

Behoorde het werken in compatibility mode (VAX-11 RSX) specifiek tot het terrein van de VAX-11/7xx serie met zijn tevens in de hardware ingebakken PDP-11 instructieset, voor de VAX-8xxx en MicroVAX zijn andere oplossingen nodig om met een redelijke performance hetzelfde te bereiken. Immers, hier moet VMS de PDP-11 instructies emuleren en dat gaat, zoals we uit de praktijk weten, traag. Han Pilmeijer (DEC) gaf daarom een overzicht van de laatste ontwikkelingen m.b.t. het RSX-coprocessor R&D project. Het belangrijkste nieuws was wel dat men, behalve aan een in de MicroVAX gestoken KXJ11 coprocessor, nu ook mikt op een Ethernet interface tussen het RSX-board en de VAX host. Het RSX subsysteem zou ook geheel compatibel met RSX-11M-Plus moeten worden. Werd vorig jaar in Hamburg nog over 11/44 performance gefluisterd, nu klinkt het al als 11/73. Het toepassingsgebied omvat naast de reeds genoemde migratie van RSX naar VMS, o.a. het fungeren als real-time front-end en het clusteren van RSX subsystemen rondom een VAX - wanneer men uit de PDP-11 is gegroeid en migratie van de applicatie naar VMS te kostbaar is. Het is echt te hopen dat DEC spoedig met dit enthousiast ontvangen alternatief op de markt zal komen.

Met de bijdrage van Egbert Vos (Hoogovens) kwamen we helemaal in de netwerksfeer. Via een organisatorisch en geografisch overzicht van het bedrijf werden de specificaties van het in ontwikkeling zijnde Hoogoven Data Netwerk project uiteen gezet. Geleidelijk zullen de bestaande koppelingen tussen o.a. alle PDP-systemen, voor een groot gedeelte d.m.v. DECnet met elkaar communicerend, vervangen worden door Ethernet.
De verbindingen tussen de verschillende gebouwen wil men met glasfiberkabels uitvoeren.
Door parallel aan de bestaande verbindingen aan te leggen en uit te testen hoopt men de overgang zo probleemloos mogelijk te laten verlopen.
Volgens spreker was er slechts één bedrijf in Nederland dat ook glasvezel toegepast heeft.
Ik herinner me in dit verband een voordracht van dat bedrijf op het DECUS Holland symposium van enkele jaren geleden.

Tenslotte de Q&A sessie. De belangstelling was helaas aan de magere kant. De sessie werd voor

het eerst op tape opgenomen t.b.v. een betere verslaggeving.
De resultaten ervan zullen op de RSX najaarsbijeenkomst bekend worden gemaakt.

Mededeling werd gedaan van een Zwitserse Kermit tape - met de laatste releases van PDP-11, VAX en andere versies per 16 maart jl. - die nu beschikbaar is bij de RSX tapecoördinator Jan Kromme, dat deze de Hamburg 1986 tape binnen heeft en bovendien dat de USA Fall 1986 symposiumtape deze week in Europa aan zou komen en dus ook spoedig in Nederland verwacht kan worden.

Van RSX-11M zullen in het vervolg alleen nog maar 'bug fixes' en ondersteuning van nieuwe randapparatuur beschikbaar komen.

Ook nu weer was de Commandline Editor een veelbesproken onderwerp. Er bleken diverse DECUS versies met wisselende mate van succes in gebruik te zijn.
De bij mij (onder RSX-11M) geïnstalleerde versie van de Amsterdam 1984 tape functioneert bijv. probleemloos.
Ton Driessen had zijn eigen versie (zie DECUS Holland symposium 1986) nog weer verder uitgebreid met o.a. een calculator, agenda en kalender. Hij was nu bijna zover dat zijn geesteskind naar de Program Library kon. We missen overigens nog steeds een echte DEC versie!

Cursor positionering en gebruik van de SPAWN directive waren andere onderwerpen die de nodige discussie opleverden.

Jan H. Belgraver

Important Programme Announcement

DECUS/Digital Joint Product Consulting Forum

from D.W.G. Harris, on behalf of The European DECUS Council

A major step forward in the technical cooperation between Digital and DECUS was made during the recent EDC Woods Meeting. It has been agreed that a product feedback panel should be established consisting of recognized experts from Digital and DECUS within the chosen discussion areas. For each of these meetings, Digital will field up to 5 CORPORATE CONSULTING ENGINEERS. Digital's Corporate Consulting Engineers are the top echelon of engineers within the Corporation and are responsible for the architecture of Digital's future products. The inaugural meeting will be held in the fall of this year (probably November) at a suitable site in Europe to discuss Large Databases, Data management and On-line Transaction Processing (OLTP).

We need the assistance of all DECUS members to identify the non-DEC experts who will be able to contribute to this meeting. Do you know of anyone who is an expert in this area, especially able to predict and articulate what the industry will require in three to five years time, is fluent in the english language and willing to attend a one and a half day meeting. If so, please send that persons name, telephone number and a half-page Curriculum Vitae to Dale Brandt, DECUS Secretary-General, 12 Avenue des Morgines, Case Postal 176, CH-1213, GE, Switzerland as soon as possible. Nominations must be submitted by 30 AUGUST. The EDC will select the five most suitable candidates for the meeting.

If, as we hope, this first meeting is successful then other meetings will be held on different topics. We will therefore be looking for others who have expertise in different areas. We would like to prepare a five dimensional matrix to cover hardware from PC to large clusters, Operating systems, High level languages and application software, marketing sectors from small firms to corporate bodies and finally channels such as finance, engineering, research, insurance, publishing. If you know suitable people, now is the time to ask if they are willing to help and send details to Dale Brandt. We cannot guarantee who will be chosen for any topic but the effectiveness of the venture is dependant on a large and well maintained database of experts.

This is your opportunity to significantly influence DEC's direction and to further enhance the important role that DECUS plays for the benefit of all users.
We encourage you to take advantage of this opportunity. Send in your nomination!

DECUS
evenementenkalender

1987

August 23-28	DECUS Australia Symposium & Seminars, Observation City Scarborough Perth, Western Australia
August 31 - September 1	DECUS Asia-Pacific Symposium Pan Pacific Hotel, Singapore
September 3-4	DECUS South America Chapter Symposium Sao Paulo, Brazil
September 7-11	DECUS Europe Symposium Rome, Italy
September 7-8	DECUS South America Chapter Buenos Aires, Argentina
November 5-6	DECUS Mexico NUG Symposium, Mexico City, Mexico
November 10	DECUS Israel's Symposium Congress Center Tel-Aviv
November 10	DECUS Finland Fall Meeting Finlandia House, Helsinki
November 11-12	SPC Meeting Geneva, Switzerland
November 12-13	EDC Meeting Geneva, Switzerland
November 18-20	7th DECUS Japan Symposium Tokyo Hilton International Tokyo, Japan
December 7-11	DECUS U.S. Symposium Anaheim, California

1988

January 27-28	SPC Meeting Geneva, Switzerland
January 28-29	EDC Meeting Geneva, Switzerland
February 8-12	DECUS Canada Symposium Metro Toronto Convention Centre, Toronto, Ontario
February 29	DECUS Munich Training Seminars
March 2-4	DECUS Muenchen Symposium Convention Center Eurogress in Aachen
March 14-16	DECUS Norge's Symposium Hotel Atlantic, Stavanger
April 25-28	DECUS France Symposium Palais Des Congres France Internationaux, Lyon
May 4-5	DECUS Finland Symposium Hotel Ilves, Tampere
May 16-20	DECUS U.S. Spring Symposium Cincinatti
June 8-10	EDC Woods Meeting Geneva, Switzerland
September 5-9	DECUS Europe Symposium Cannes, France

1989

February 20-24	DECUS Canada Annual Symposium, Hyatt Regency Vancouver, British Columbia
April 3-4	DECUS Muenchen Training Seminars, Congress Center Karlsruhe, Germany
April 5-7	DECUS Muenchen Symposium Congress Center Karlsruhe
September	DECUS Europe Symposium The Hague, Holland

1990

End March	DECUS France Symposium Strasbourg
September	DECUS Europe Symposium Barcelona, Spain

Gevraagd

Service dokumentatie voor DEC-printer LA36.
Eventuele kosten worden vergoed.

Inl. DECUS Holland
030 - 83 20 55

International DECUS Program Library

'a solution with a future'

PRO-155 RT PROGRAMS FOR PRO
This is a potpourri of programs written for RT-11 V5.1 or later (except where noted) on a PRO. Provided are: device handler, text formatting, utilities.

PRO-163 PROPLOT
Graphics/plotting software for the PRO-350 developed at BFGoodrich R&D in Brecksville, OH.

PRO-166 FSTATS
Package of statistical routines which can analyze up to 1000 floating point variables in up to 100 groups.

PRO-167 FUNCTIONS
This program is based on graphics which can be produced by trigonometric functions. It is in two parts: the first part allows the user to experiment with making his own designs. The other part is a very impressive graphics demo.

PRO-168 DOLLAR VALUE LIFO CALCULATOR
LIFO (last in, first out) calculates Dollar Value LIFO. It is a method of inventory calculation that uses total dollar value, not the physical quantity of goods, when calculating the value of inventory pools.

PRO-169 PRO 2780/3780
An application for the Professional 300 series of personal computers that provides communications to systems with capabilities similar to IBM 2780 and 3780 remote batch terminals. The product runs under the P/OS Hard Disk Operating System.

PRO-170 P/OS V2 EXTENSIONS
This package contains two features not available on P/OS V2 or earlier:
— A set of command procedures and associated 'help' information to allow a second user to run the PRO/tool kit via a VDU attached to the printer port.
— A task and associated command procedures providing print-spooler functionality for such a two-user machine, and more usefully for a network of such machines, either via an Ethernet or a Mini-exchange.

DM-112 COS-310
An applications development tool designed to implement data management functions. It is a self-contained, single user, disk-resident operating system.

CPM-271 BASTUTOR
This program helps users learn to use MBASIC on the Rainbow computer. It describes all MBASIC statements and functions, and gives examples of their use on the menu system, based on the Rainbow reference manual.

RB-125 ATTRIB
Displays, sets and resets MS/DOS file attributes of individual files or groups of files.

11-SP-96 REESE'S PIECES
Collection of programs mostly used as operational aids. Some are enhancements or additions to IAS functions, some are RSX-11M programs updated to operate under IAS, some are just fun.

11-865 LOGDIR
A special directory program designed to give directory listings of nested logical disks without mounting them.

11-866 IMPNON
If your FORTRAN Compiler does not have the IMPLICIT NONE extension, one way of checking that you have declared all variables is to imply a name rule for variables you have not declared explicitly. IMPNON provides this facility. Usage is RUN IMPNON 'name of listfile'.

11-867 FONT
Written in Whitesmith's C. Allows to easily create or alter downloadable fonts/character sets for VT200 series terminals. It will only run on a VT2XX. It has only been tested on RT-11 V5.03 and TSX-PLUS V6.16 using a VT220.

11-868 TAPUTL
This utility will copy data from tape to tape, tape to disk or disk to tape. It can also space, write end of file marks, dump and rewind tapes. The utility assumes no particular file structure on the tape and can be used with tapes of essentially any format (including tapes with a variable record length within a file) and with records of any size up to a specified maximum (4096 words in standard version). The max. record size can be modified easily by editing and recompiling the source code.

11-869 PLOT
Plot is an interactive data driven program for drawing graphs and maps from simple X - Y data. Headings, legends, axis names, scaling, regression lines, maps, multi colour lines, dashed lines etc. may be chosen.

11-870 ECR
ECR is an intelligent monitor console routine.

11-871 IAS KERMIT

11-872 LAP
This program simplifies the process of printing a file on a LA50 compatible printer attached to a VT100 compatible terminal.

11-873 FORTRAN AIDS AND TOOLS
Included are five major categories of items:
— Routines to access and manipulate the file structure
— Some SST handlers
— A software fix for a DL device hardware bug
— An undeletion utility
— A miscellaneous grab bag.

11-874 DECUS 'C' Compiler Changes
The new 'C' compiler, assembler and runtime libraries support I and D space.

11-875 RSTS/E 2780 - Emulator
The program emulates the communications protocol of an IBM 2780 device, while running as a user job on a suitably configured RSTS/E system.

11-876 RSTS/E 3271 Protocol Emulator
It permits application programs written in BASIC-PLUS, BASIC-PLUS 2, COBOL, or DIBOL running under RSTS/E Operating System to communicate interactively with user jobs running on an IBM 370 or 303x host system. The IBM application program can run with IMS/VS, CICS/VS or TSO. The package makes it possible to implement applications performing remote, on-line access to IBM Data Bases for data entry, retrieval and update or file transfer.

11-877 RSTS/E HPE 2780/3780
The RSTS/E High Performance 2780/3780 Emulator runs as a user job on a suitably configurated RSTS/E Operating system while emulating the communications protocol of an IBM 2780/3780 device.

11-878 RT-11 2780/3780 Protocol Emulator (PE)
The RT-11 2780/3780 PE provides communications capabilities similar to IBM 2780 and 3780 remote batch terminals. It runs under the RT-11 Foreground/Background (FB) or Extended Memory (XM) monitor as either a foreground or background job.

11-879 RT-11 CACHE
This program accelerates system and applications considerably in a fully transparent way.

11-880 MULTIPROCESSOR RT-11
The software links single RT-11 systems together in order to form a network. Network shapes like star, chain, ring and mixed may be easily realized.

11-881 GRAPHIC
Because of LUN conflicts between FORTRAN and DECUS C, it is not possible to use FORTRAN libraries such as PLOT10 from C programs. Three libraries entirely written in C were developed in order to access from C programs to graphic displays and plotters.

11-882 BIBLIO
A package written in FORTRAN IV allowing creation, management, interrogation and edition of bibliographic references.

11-883 ASKVAL
ASKVAL.H is a header file to include in C programs. It provides an easy way to prompt for a value, with a possible default (CR only) way.

11-884 XYSTAT
XYSTAT constitutes a package of statistical programs mainly devoted to XY data analysis.

11-886 PLOTC
Because of LUN conflicts between FORTRAN and DECUS C, it is not possible to use the FORTRAN library BENLIB from C programs. This library was entirely rewritten in C in order to access from C programs to the BENSON graphic plotters (microprogrammed mode).

V-SP-62 PC SIG TAPE COPY
With these programs you can use your computer to create the ultimate desktop.

V-SP-63 MISCELLANEOUS PC TOOL COLLECTION NR. 1
This tape contains a variety of tools mostly for the MS-DOS environment, plus a few for VMS and for Amiga. These represent tools obtained from public domain sources other than the PC-SIG. Many of these programs originate in the PC-Blue Library and include a huge grab bag of MS-DOS utilities. Also present: Micro GNU Emacs Version lb complete, including VMS, MS-DOS, AmigaDOS, and other versions.

VAX-233 COMPUTER MODERN FONT FILES AND BUILD PROCEDURES
A collection of Computer font files as well as the VMS command procedures which built them for use on a Digital Equipment Corp. LN03 laser printer using METAFONT device-dependent parameters. There are 75 standard fonts in the standard 7 magnifications, computer modern symbols in 12-point and computer modern sans serif.

VAX-234 FED
A FORTRAN Editor specifically written to create and edit FORTRAN source code.

VAX-237 PORTABLE OPTICAL DISK SUBROUTINE PACKAGE
Portable LaserWare is a group of C Language subroutines designed to allow read-only access to optical disks written in the WORMS-11 format. Examples of such systems are optical subsystems from Emulex, TECEX, Perceptics and C.Itoh.

VAX-238 VMS DISASSEMBLERS PACKAGE
Two VMS disassemblers capable of creating MACRO-32 sources from VMS native mode images are presented. All sources and brief documents are present, and one contains compiled executable code so that it can be used by sites without FORTRAN.

VAX-239 SGDS: STUTTGART GATE ARRAY DEVELOPMENT SYSTEM
A software system for the development of gate array circuits.

VAX-240 SRC: STUTTGART RECURSIVE CALCULUS
A functional programming system that implements the KRC language for the family of VAX computers. Main virtues are the capability of editing library files and an extensive error recovery mechanism.

VAX-241 'MAKE'
This program rebuilds the code for modified source files automatically with little effort from the programmers. It saves time in the compile, link and run steps of the program development cycle.

VAX-242 MESSAGE SENDING/PROCESS MONITORING UTILITY
The SEND utility is a sophisticated message sending/process monitoring program. It was written specifically as an operational/system management tool, although it has other uses.

VAX-243 VAX-RDM
A pacifier for the ex-RSX user who misses the 'real-thing'. Though it doesn't look quite the same and doesn't have the various screens of the old RMD, it does provide useful info such as: current node name, current time, percent of page file available, percent of swap file available, amount of free space on each disk drive specified, PID, username and imagename of each active image.

VAX-244 GOLF HANDICAP/INFORMATION SYSTEM - GAME

VAX-246 MENU UTILITY
It allows rapid and flexible construction of menus for a variety of uses. It has been designed to be fast in execution and flexible and friendly for users and developers.

VAX-247 LEFTWILD.COM
In VAX/VMS DCL, the use of partial wild cards in output file specifications is not supported, e.g. the command $ rename *1.dat *2.dat' cannot be issued. In certain cases such usage of wild cards would be ambiguous. In the case given however, there is no ambiguity. This command file was written to allow the above and similar commands to be issued by passing the verb and its arguments as parameters to the command file.

VAX-248 SIM
A simulator for the Motorola 68010 microprocessor.

VAX-249 MACS, THE MACRO SEARCHER
This system searches through an object file for the detection of repetition of code sequences. The number of occurrences and the code sequences will be found.

VAX-250 UCAMS
Universal cross-assembler for micro-processors.

VAX-251 FRAGMENT
This utility is a very handy tool to aid in analyzing the effectiveness of your RMS file characteristics. A batch control file is included to automate the procedure by resubmitting itself at monthly intervals.

VAX-252 KEYPADS
It graphically displays the contents of a keypad. The keypad state name refers to which keypad state you wish to output the keypad settings.

VAX-253 DISK_MANAGER
Disk_Manager gathers useful disk statistics quickly and easily and presents them in a convenient format.

VAX-254 EDT EMULATOR
This submission consists of TPU source for a super duper EDT emulator.

VAX-255 JMU UTILITIES
This submission consists of three utility programs in use at James Madison University: an FMS based Bulletin Board System, an FMS based calculator program that uses the VT keypad and a checkmail utility that allows you to check to see if someone has read a mail message you sent to him.

VAX-256 DM/SD/WPE/COLORS
This submission contains:
— DM: a utility which allows one to more easily manage, clean up and otherwise work with one's files and directory structure.
— SD (Set default V4.2A): a utility which shortens the commands for SET DEFAULT and SHOW DEFAULT and expands the capabilities of the SET DEFAULT command.
— WPE (Word-processing-like Editor V2.3): a full implementation of WPS-PLUS (TM) for editing ASCII files. WPE is an extremely powerful text editor.
— COLORS (Colors Management V3.1): a suite of programs for managing and setting 'default' colors for ReGIS color terminals.

VAX-257 PERFORMANCE MONITORING TOOLS
This submission contains performance monitoring tools used for tuning VAX systems and extensive notes on how to use the tools for tuning.

VAX-258 KILL
This is a program designed to enable an operator or priviledged user to affect another process on the system without having to look up and use the process PID. The only requirement to execute this program is that VAX FMS must be installed.

VAX-259 MSGINC
MsgInc is used to create include files from the object files produced by the VMS message utility. It supports C, FORTRAN and PASCAL, but one could always write a new output routine if support of a new language is wanted.

VAX-260 PCTRL
Provides DCL command-level access to all of the process control functions, namely the following System Services: $SUSPND, $RESUME, $SETPRI, $WAKE, $DELPRC and $FORCEX.

VAX-261 IDXTEX & GLOTEX
The GloTeX program is used to automate the generation of a glossary in a LaTex document.
The IdxTeX program is used to automate the generation of an index in a LaTeX document.

VAX-264 FEDT
This program offers EDT under controlled higher process priority. Original priority is restored upon image termination.
Much of the code deals with making sure original priority is restored when the image dies with an error condition.
The program must either be installed with ALTPRI privilege or run from a process which has it.

VAX-265 A GENERIC USER INTERFACE
Menu oriented user interface with following features:
— DCL procedures can be run interactively or in batch with any batch qualifiers
— automatic parameter substitution and validation
— security by VAX USERNAME
— tree structured menu system with multiple trees
— non-menu shortcut method of executing procedures
— can be run in captive mode
— any DCL procedure can be run
— a single VMS subprocess is reused for every active user.

VAX-266 NO_FRAGMENTS, SMART and XMODEM_AU
NO_FRAGMENTS is a program that performs pseudo on-line disk compression for VAX systems operating under the VMS operating system.
SMART is a semi-intelligent program that displays all of the interactive processes on a VAX next to the username for each process.
XMODEM_AU is a revised version of Jim Belonis' XMODEM 5.60.
The user interface to the program has been rewritten. XMODEM is a VAX to VAX file transfer program.

VAX-268 VAXMAC
VAXMAC is a 'Pulldown Menu' user interface to VMS. It operates as a menu driven 'windowed' type interface to many common VMS Direct Command Language commands and functions.

20-190 KERMIT
KERMIT is a protocol for transferring sequential files between computers of all sizes over ordinary asynchronous telecommunication lines using packets, checksums and retransmission to promote data integrity. KERMIT is non-proprietary, thoroughly documented, and in wide use.

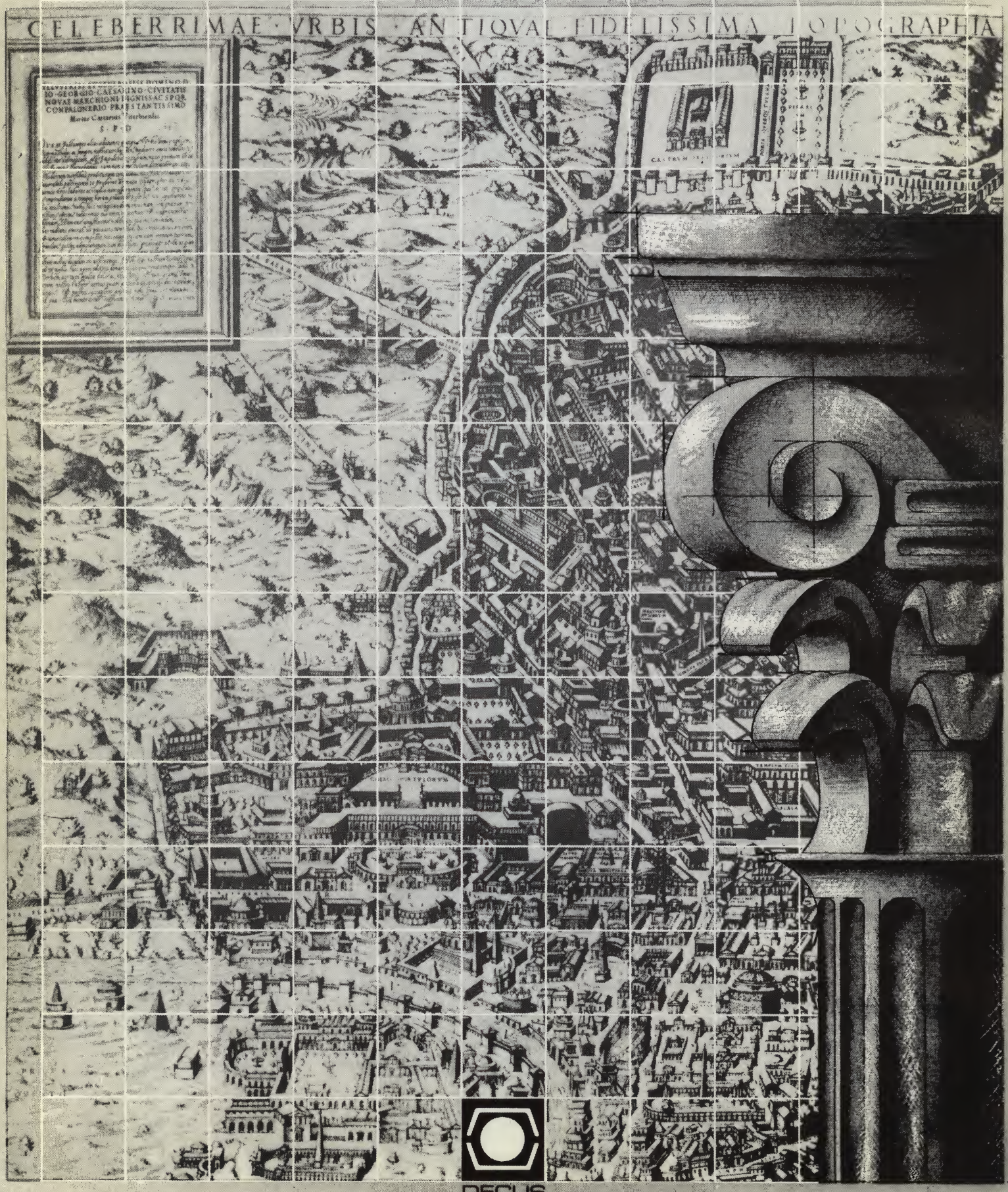
20-191 SNIFF
SNIFF identifies for the user any other detached/interactive jobs logged in under his/her user number on a DECSystem-20 and gives the user an interactive means of selectively disposing of them.

20-192 MLIST
MLIST provides a means of maintaining a system-wide 'database' of mailing lists (suitable in format for use in TOPS-20 electronic mail system such as MM, MS, BABYL, etc.) WITHOUT using an editor.

1987 DECUS Europe Symposium

Rome, Italy, September 7-11, 1987

Networks: Paths to Integration



DECUS
EUROPE

RSX SIG Steering Committee Notes

Rome Meeting, 18 March 1987

Hello everybody, thank you for all the RSX related contributions for the upcoming symposium in Rome. Last March we have been working hard to put the preliminary program together for our SIG. In contrast to last year we were even able to fill the friday morning. If it can be arranged, we will install some DECUS utilities on one of the RSX machines at the exhibition.

In the following I would like to share with you some RSX related matters we discussed during our spring meeting.

Symposium tape distribution

1. Bernhard Ruef of Bern University, Switserland, succeeded Jan Sangstad as the European tape coordinator after Jan moved to VAX-land. We thank Jan for all the work done these past years.

2. The preparation of the Hamburg tape took longer than expected. Distribution, however, is supposed to take place in April.

3. To our regret the Fall 1986 U.S. symposium tape (San Fransisco) will arrive in Geneva only just now. Distribution to the national chapters is scheduled for April.

4. In order to keep the distribution tree up-to-date the listed sites will receive first a letter that has to be acknowledged within a preset time before any tape is sent.

RSX Wishlist

In 1985 and 1986 a wishlist was produced. We evaluated the results and came to the conclusion that some of the requests were incorporated in the present RSX releases. Various wishes, on the other hand, could be fulfilled using DECUS utilities. With respect to the much asked commandline editor, we still believe DEC should put one in the terminal driver; in the mean time one should use one of the fine DECUS variations. Nevertheless, we are still waiting for an answer from DEC on many items. Therefore, it was decided to postpone this year's wishlist production.

European RSX SIG Newsletter

1. The Hamburg trip report distribution to the national newsletters failed, it probably got lost on a cluttered desk somewhere in Geneva; it will be resubmitted.

2. National RSX SIG boards will be asked to prepare a short report of their national symposium (preferably in English) for publication European-wide.

Electronic Communication Among Europe

1. We see it as our task to promote the establishment of a European RSX network that all members can have access to. Some countries, like Germany and Switserland, have a system in operation already, but others such as Holland have nothing at all at present. Since we have no current knowledge of the facilities and/or plans in the various chapters we would be very happy if you could inform us about it.

2. As you might know, David Guerlet our chairman, has always the latest Kermit news and updates available for you. Just login to his system in Switserland using a 1200 baud modem (call 0041 - 31 554191 and user/password Kermit resp. California) to find out if there's anything you need.

3. Finally, we asked the Networks SIG to also plan a Kermit BOF session in Rome next September.

Future Directions of RSX

1. In order to serve our members best it is very important to be aware of their needs. We may have to change our objectives now and then. The present discussion started in Hamburg last year after the RT11 SIG changed it's name into RT (Real-Time) SIG. Since RSX is also a real-time operating system, but in a multi-user environment, we think of paying special attention to complex real-time applications. Another version of RSX we will consider more is VAX-11 RSX, a VMS layered product but supported by the RSX developers. As a matter of fact, we are looking for a speaker on this subject for the Rome symposium. David Guerlet produced a questionnaire to help us find out what the RSX community expects from the European DECrep, how we could improve our activities, the status of electronic communication in your country etc. A similar discussion will be held at the next U.S. Spring symposium in Nashville.

2. In order to improve the efficiency of problem solving and get more members actively involved, we encourage the establishment of small working groups on national and European levels to produce answers to problems reported during Q & A sessions. The time spent should be limited, and the results reported in the newsletters.

Jan H. Belgraver
Dutch RSX SIG
European RSX Newsletter Coordinator

Colofon

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